PROCEDURES FOR THE VERIFICATION OF THE SAND EQUIVALENT FOOT ASSEMBLY AASHTO T 176

A. PURPOSE

These methods are intended to provide instruction in the verification of the condition, weight, and distance from the foot bottom to the sand reading indicator of the weighted foot assembly.

B. APPARATUS REQUIRED

1. Calibrated balance capable of weighting 1050 grams and readable to 1.0 gram
2. Steel ruler readable to 0.01 inch (.25 mm) and at least 12.0 inches (300 mm) in length.

C. PROCEDURE

1. Weigh foot assembly on calibrated balance to the nearest 1.0 gram. Record weight and balance number on worksheet. (Do not weigh guide cap.)
2. Measure the distance from the bottom of the foot to the top of the sand reading indicator with the steel ruler to the nearest 0.01 inch (.25 mm). Record distance and ruler I.D. number on worksheet.
3. Note the condition of the weighted foot assembly and record on worksheet. (Rod bent, rust, etc.)

D. TOLERANCE

The weighted foot assembly shall meet the requirements specified in AASHTO Test Method T 176.

EQUIPMENT VERIFICATION RECORD

Verified By: _____ Date: _____

Equipment: Weighted foot assembly used in AASHTO T 176 Location (Lab): _____

Identification No.: _____ Verification Frequency: 12 months

Previous Verification Date: _____ Next Due Date: _____

Verification Equipment Used: Calibrated Balance (2,000 g capacity, readable to 1.0 g), SN: _____

Steel Ruler (min. 12 in.[300 mm], readable to 0.010 in.[.20 mm]), ID Number: _____

Verification Procedure: (In-house) OMR-CVP-13 / AASHTO T 176

Assembly weight Record weight	Indicator distance 10.1 in. (256.54 mm)	Guide fixed to shaft	Condition of assembly	Pass (P)/Fail (F)

REMARKS: _____